OPAP IAP25 MAY 2 0 2010 PATENT & TRADEMARK OFFICE

ATTACHMENT A

Claims 1-12: (Cancelled)

13. (Currently Amended) A polypropylene resin composition comprising:

a) 40% by weight to 80% by weight of a polypropylene component (A), the polypropylene component (A) comprising:

(i) a propylene homopolymer; or

(ii) a propylene copolymer, the propylene copolymer comprising at most 5% by weight of a comonomer, wherein the comonomer is selected from ethylene, a C_{4-12} α-olefin, or mixtures thereof; and

b) 20% by weight to 60% by weight of a copolymer component (B), the copolymer component (B) comprising a copolymer (B-1) and a copolymer (B-2), wherein:

(iii) copolymer (B-1) is a propylene/ethylene copolymer consisting of ~~propylene copolymer with ethylene comprising from~~ more than 50% by weight to 85% by weight of propylene, and 15% by weight to less than 50% by weight of ethylene; and

(iv) copolymer (B-2) is a propylene copolymer comprising 15% by weight to 50% by weight of propylene, the copolymer (B-2) comprising a comonomer selected from ethylene, a C_{4-12} α-olefin, or mixtures thereof, a molecular weight distribution (Mw/Mn) by gel permeation chromatography of 3.0 or less, and a blockness

(CSD) of 0.8 or less, determined using measured NMR values;

wherein the amount of copolymer (B-2) with respect to the polypropylene resin composition is at least 3% by weight, and a ratio of a limiting viscosity of the copolymer (B-1) to a viscosity of the polypropylene component (A), ([η]B-1/[η]A), is at most 1.5, and a ratio of a limiting viscosity of the copolymer (B-1) to the viscosity of copolymer (B-2), ([η]B-1/[η]B-2), is at least 0.8.

14. (Previously Presented) The polypropylene resin composition according to claim 13, wherein a weight ratio of the copolymer (B-1) to the copolymer (B-2), [(B-1)/(B-2)], is 1.2 to 6.0.

15. (Previously Presented) The polypropylene resin composition according to claim 13, wherein the copolymer (B-2) comprises 15% by weight to 35% by weight of propylene, and further comprises a heterologous bond.

16. (Previously Presented) The polypropylene resin composition according to claim 13, wherein the polypropylene component (A) comprises a stereoregularity of at least 96%.

17. (Currently Amended) A polypropylene resin molding which is prepared by molding a polypropylene resin composition comprising:

a) 40% by weight to 80% by weight of a polypropylene component (A), the polypropylene component (A) comprising:

(i) a propylene homopolymer; or

(ii) a propylene copolymer, the propylene copolymer comprising at most 5% by weight of a comonomer, wherein the comonomer is selected from ethylene, a C_{4-12} α-olefin, or mixtures thereof; and

b) 20% by weight to 60% by weight of a copolymer component (B), the copolymer component (B) comprising a copolymer (B-1) and a copolymer (B-2), wherein:

(iii) copolymer (B-1) is a propylene/ethylene copolymer consisting of ~~propylene copolymer with ethylene comprising from~~ more than 50% by weight to 85% by weight of propylene, and 15% by weight to less than 50% by weight of ethylene; and

(iv) copolymer (B-2) is a propylene copolymer comprising 15% by weight to 50% by weight of propylene, the copolymer (B-2) comprising a comonomer selected from ethylene, a C_{4-12} α-olefin, or mixtures thereof, a molecular weight distribution (Mw/Mn) by gel permeation chromatography of 3.0 or less, and a blockness (CSD) of 0.8 or less, determined using measured NMR values;

wherein the amount of copolymer (B-2) with respect to the polypropylene resin composition is at least 3% by weight, and a ratio of a limiting viscosity of the copolymer (B-1) to a viscosity of the polypropylene

component (A), ([η]B-1/[η]A), is at most 1.5, and a ratio of a limiting viscosity of the copolymer (B-1) to the viscosity of copolymer (B-2), ([η]B-1/[η]B-2), is at least 0.8; and

wherein the copolymer component (B) is dispersed as layers or as needles in the polypropylene component (A), and an average length (aL) of the dispersed layer is 1.5 μm or longer.

18. (Previously Presented) The polypropylene resin molding according to claim 17, wherein the molding is a film.

19. (Currently Amended) A polypropylene resin composition comprising:

a) 40% by weight to 80% by weight of a polypropylene component (A), the polypropylene component (A) comprising:

(i) a propylene homopolymer; or

(ii) a propylene copolymer, the propylene copolymer comprising at most 5% by weight of a comonomer, wherein the comonomer is selected from ethylene, a C_{4-12} α-olefin, or mixtures thereof; and

b) 20% by weight to 60% by weight of a copolymer component (B), the copolymer component (B) comprising a copolymer (B-1) and a copolymer (B-2), wherein:

(iii) copolymer (B-1) is a propylene/ethylene copolymer consisting of ~~propylene copolymer with ethylene comprising from~~ more than 50% by weight

to 85% by weight of propylene, and 15% by weight to less than 50% by weight of ethylene; and

(iv) copolymer (B-2) is a propylene copolymer comprising 15% by weight to 50% by weight of propylene, the copolymer (B-2) comprising a comonomer selected from ethylene, a C_{4-12} α-olefin, or mixtures thereof, a molecular weight distribution (Mw/Mn) by gel permeation chromatography of 3.0 or less, and a blockness (CSD) is greater than 0 and equal to or less than 0.8, determined using measured NMR values;

wherein the amount of copolymer (B-2) with respect to the polypropylene resin composition is at least 3% by weight, and a ratio of a limiting viscosity of the copolymer (B-1) to a viscosity of the polypropylene component (A), ([η]B-1/[η]A), is at most 1.5, and a ratio of a limiting viscosity of the copolymer (B-1) to the viscosity of copolymer (B-2), ([η]B-1/[η]B-2), is at least 0.8.

20. (Previously Presented) The polypropylene resin composition according to claim 19, wherein a weight ratio of the copolymer (B-1) to the copolymer (B-2), [(B-1)/(B-2)], is 1.2 to 6.0.

21. (Previously Presented) The polypropylene resin composition according to claim 19, wherein the copolymer (B-2) comprises 15% by weight to 35% by weight of propylene, and further comprises a heterologous bond.

22. (Previously Presented) The polypropylene resin composition according to claim 19, wherein the polypropylene component (A) comprises a stereoregularity of at least 96%.

23. (Currently Amended) A polypropylene resin molding which is prepared by molding A polypropylene resin composition comprising:

a) 40% by weight to 80% by weight of a polypropylene component (A), the polypropylene component (A) comprising:

(i) a propylene homopolymer; or

(ii) a propylene copolymer, the propylene copolymer comprising at most 5% by weight of a comonomer, wherein the comonomer is selected from ethylene, a C_{4-12} α-olefin, or mixtures thereof; and

b) 20% by weight to 60% by weight of a copolymer component (B), the copolymer component (B) comprising a copolymer (B-1) and a copolymer (B-2), wherein:

(iii) copolymer (B-1) is a propylene/ethylene copolymer consisting of ~~propylene copolymer with ethylene comprising from~~ more than 50% by weight to 85% by weight of propylene, and 15% by weight to less than 50% by weight of ethylene; and

(iv) copolymer (B-2) is a propylene copolymer comprising 15% by weight to 50% by weight of propylene, the copolymer (B-2) comprising a comonomer selected from ethylene, a C_{4-12} α-olefin, or mixtures thereof, a molecular weight

distribution (Mw/Mn) by gel permeation chromatography of 3.0 or less, and a blockness (CSD) is greater than 0 and equal to or less than 0.8, determined using measured NMR values;

wherein the amount of copolymer (B-2) with respect to the polypropylene resin composition is at least 3% by weight, and a ratio of a limiting viscosity of the copolymer (B-1) to a viscosity of the polypropylene component (A), ([η]B-1/[η]A), is at most 1.5, and a ratio of a limiting viscosity of the copolymer (B-1) to the viscosity of copolymer (B-2), ([η]B-1/[η]B-2), is at least 0.8; and

wherein the copolymer component (B) is dispersed as layers or as needles in the polypropylene component (A), and an average length (aL) of the dispersed layer is 1.5 μm or longer.

24. (Previously Presented) The polypropylene resin molding according to claim 23, wherein the molding is a film.